

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050421\
 Data File : VU043537.D
 Acq On : 04 May 2021 22:13
 Operator : SY/MD
 Sample : M2195-13DL 20X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GB3J1DL

Quant Time: May 05 08:18:28 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR050321WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed May 05 08:11:40 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

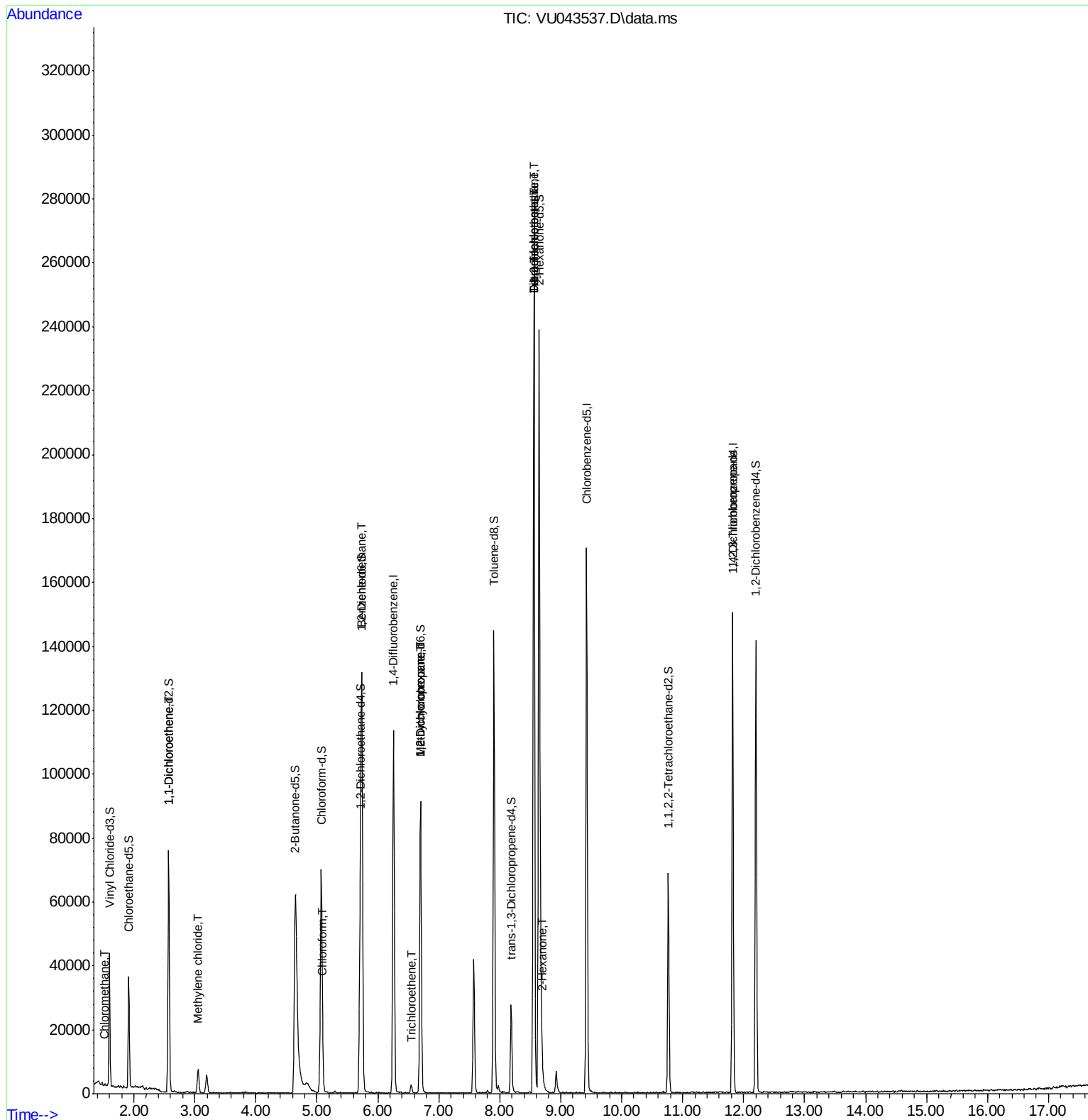
Internal Standards						
1) 1,4-Difluorobenzene	6.259	114	81543	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	83754	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.822	152	36584	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	28174	4.29	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.80%
7) Chloroethane-d5	1.916	69	22170	4.62	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.40%
11) 1,1-Dichloroethene-d2	2.571	65	14574	4.53	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.60%
20) 2-Butanone-d5	4.645	46	113896	55.95	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.90%
24) Chloroform-d	5.073	84	60380	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.20%
26) 1,2-Dichloroethane-d4	5.713	65	39054	5.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.40%
32) Benzene-d6	5.735	84	106884	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.40%
36) 1,2-Dichloropropane-d6	6.700	67	39266	4.94	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.80%
41) Toluene-d8	7.906	98	88218	4.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.80%
43) trans-1,3-Dichloroprop...	8.189	79	14810	4.62	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.40%
46) 2-Hexanone-d5	8.645	63	77382	57.56	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	115.12%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	32767	5.14	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.80%
66) 1,2-Dichlorobenzene-d4	12.201	152	34182	5.24	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.80%
Target Compounds						Qvalue
3) Chloromethane	1.520	50	584	0.10	ug/L	99
12) 1,1-Dichloroethene	2.571	96	373	0.08	ug/L #	1
16) Methylene chloride	3.054	84	3259	0.45	ug/L	95
25) Chloroform	5.096	83	1903	0.16	ug/L	96
27) 1,2-Dichloroethane	5.732	62	663	0.08	ug/L #	78
34) Trichloroethene	6.552	95	751	0.13	ug/L	94
35) Methylcyclohexane	6.700	83	8863	1.22	ug/L #	12
37) 1,2-Dichloropropane	6.700	63	4961	0.75	ug/L #	90
45) 1,1,2-Trichloroethane	8.562	97	505	0.11	ug/L #	22
47) Tetrachloroethene	8.562	164	56902	13.71	ug/L	97
48) 2-Hexanone	8.693	43	4554	1.14	ug/L #	86
49) Dibromochloromethane	8.558	129	53100	9.65	ug/L #	12
61) 1,2,3-Trichloropropane	11.819	75	4665	1.26	ug/L #	66

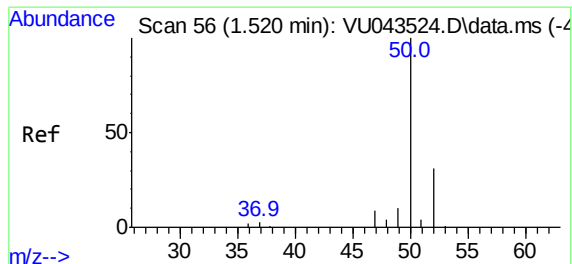
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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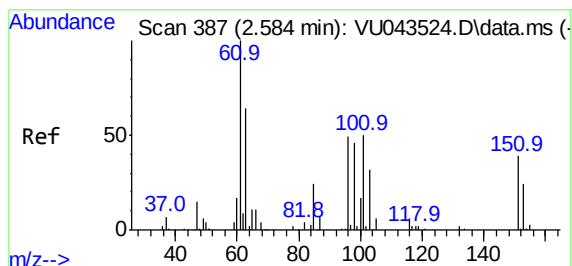
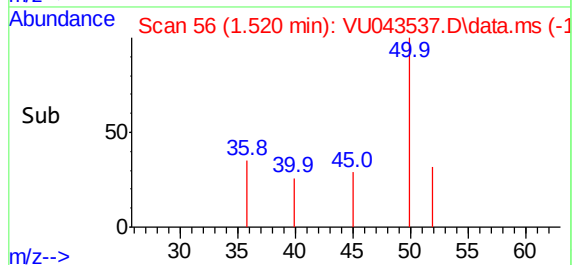
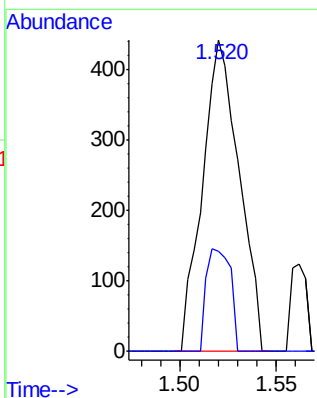
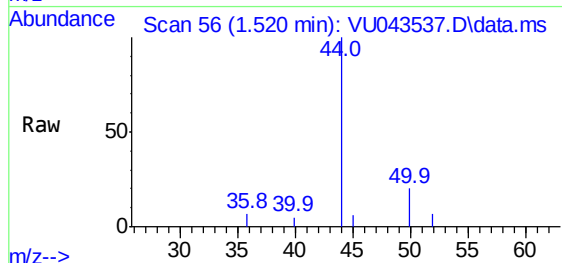




#3
Chloromethane
Concen: 0.10 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.000 min
Lab File: VU043537.D
Acq: 04 May 2021 22:13

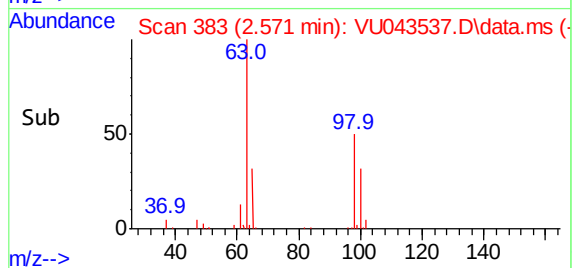
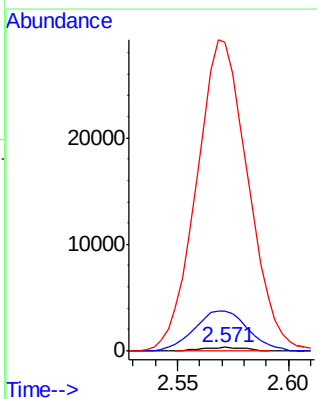
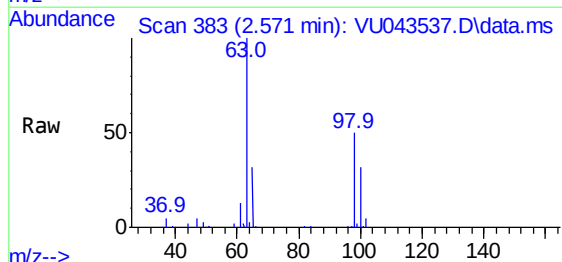
Instrument :
MSVOA_U
ClientSampleId :
GB3J1DL

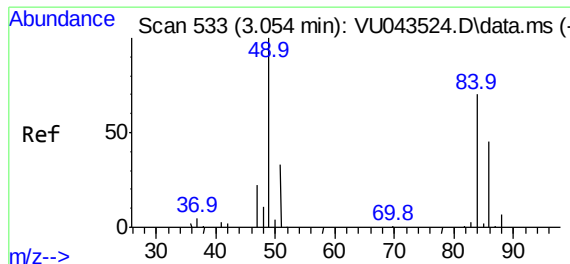
Tgt Ion: 50 Resp: 584
Ion Ratio Lower Upper
50 100
52 32.2 22.1 41.1



#12
1,1-Dichloroethene
Concen: 0.08 ug/L
RT: 2.571 min Scan# 383
Delta R.T. -0.013 min
Lab File: VU043537.D
Acq: 04 May 2021 22:13

Tgt Ion: 96 Resp: 373
Ion Ratio Lower Upper
96 100
61 1256.5 141.2 262.2#
63 9877.6 111.1 206.3#

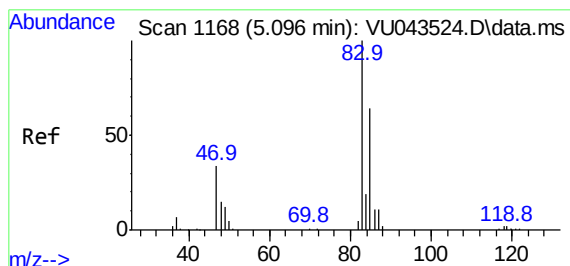
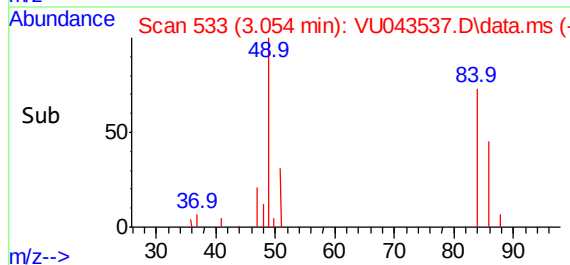
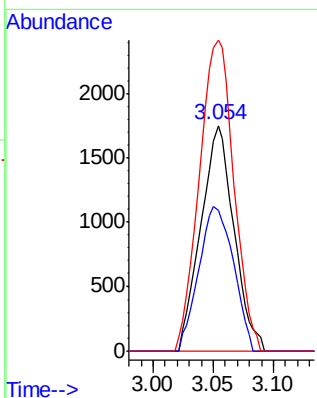
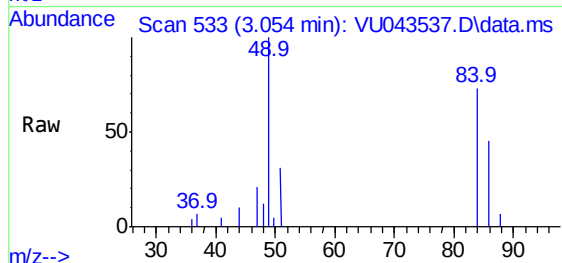




#16
Methylene chloride
Concen: 0.45 ug/L
RT: 3.054 min Scan# 533
Delta R.T. -0.000 min
Lab File: VU043537.D
Acq: 04 May 2021 22:13

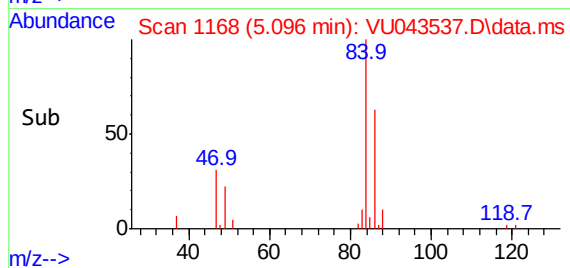
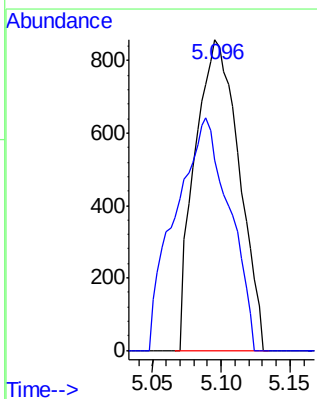
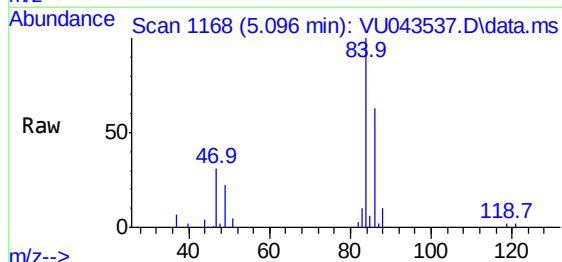
Instrument :
MSVOA_U
ClientSampleId :
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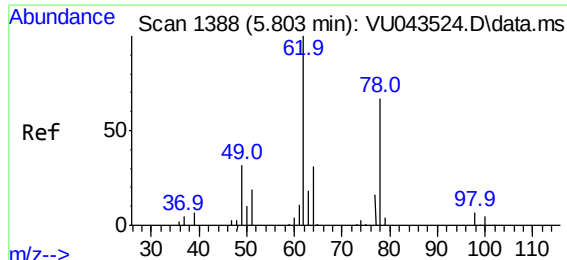
Tgt Ion: 84 Resp: 3259
Ion Ratio Lower Upper
84 100
86 62.2 45.6 84.6
49 144.9 107.0 198.8



#25
Chloroform
Concen: 0.16 ug/L
RT: 5.096 min Scan# 1168
Delta R.T. -0.000 min
Lab File: VU043537.D
Acq: 04 May 2021 22:13

Tgt Ion: 83 Resp: 1903
Ion Ratio Lower Upper
83 100
85 61.4 45.1 83.9

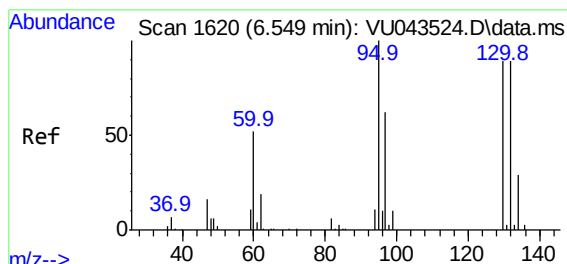
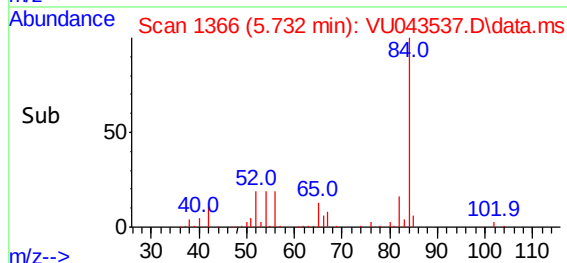
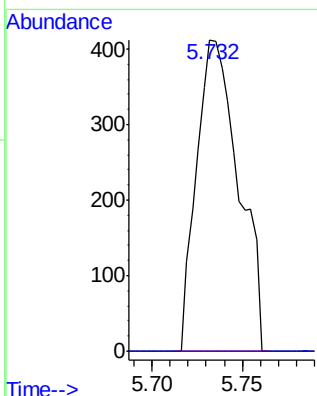
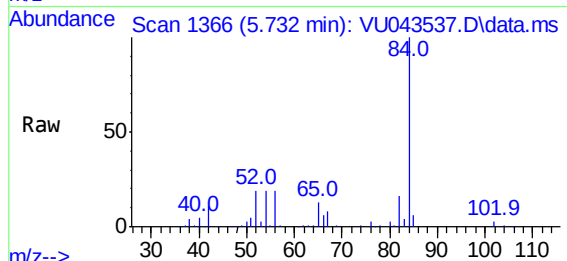




#27
1,2-Dichloroethane
Concen: 0.08 ug/L
RT: 5.732 min Scan# 1366
Delta R.T. -0.071 min
Lab File: VU043537.D
Acq: 04 May 2021 22:13

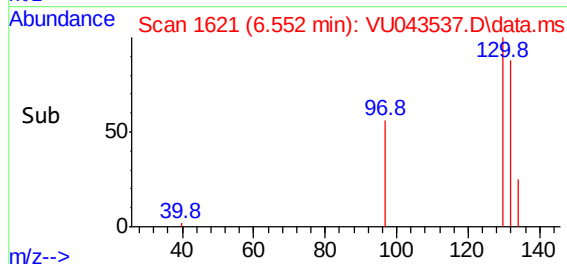
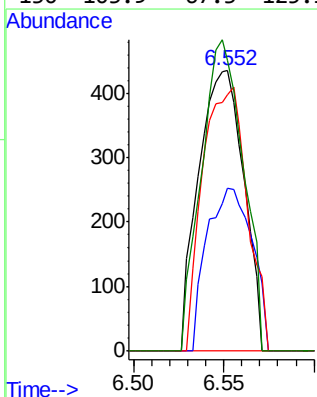
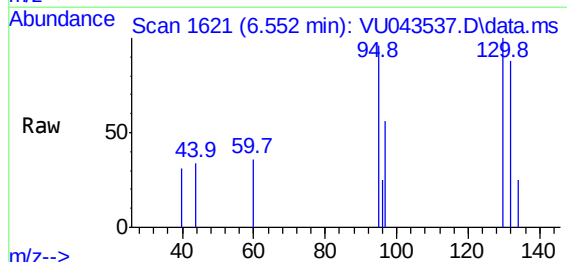
Instrument :
MSVOA_U
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GB3J1DL

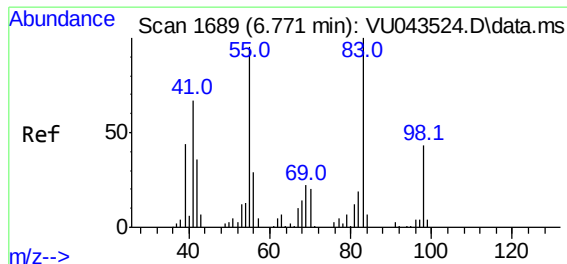
Tgt Ion: 62 Resp: 663
Ion Ratio Lower Upper
62 100
98 0.0 6.1 9.1#



#34
Trichloroethene
Concen: 0.13 ug/L
RT: 6.552 min Scan# 1621
Delta R.T. 0.003 min
Lab File: VU043537.D
Acq: 04 May 2021 22:13

Tgt Ion: 95 Resp: 751
Ion Ratio Lower Upper
95 100
97 57.9 46.5 86.5
132 91.5 64.1 119.1
130 103.9 67.3 125.1

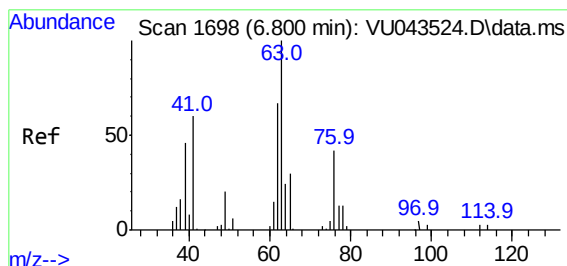
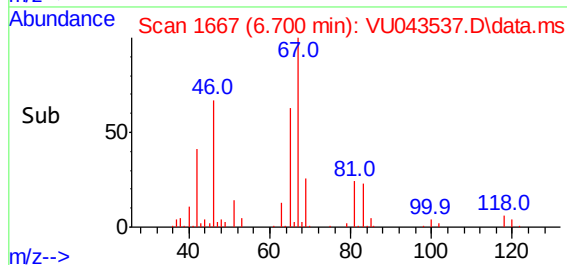
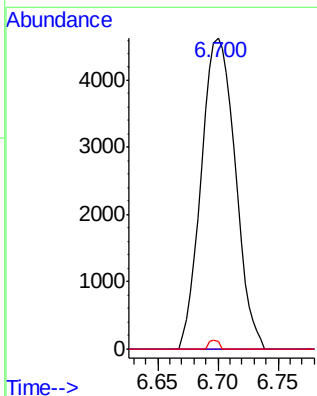
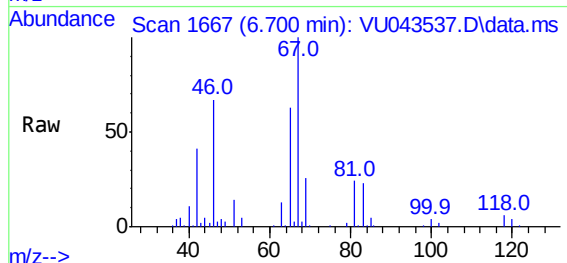




#35
Methylcyclohexane
Concen: 1.22 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.071 min
Lab File: VU043537.D
Acq: 04 May 2021 22:13

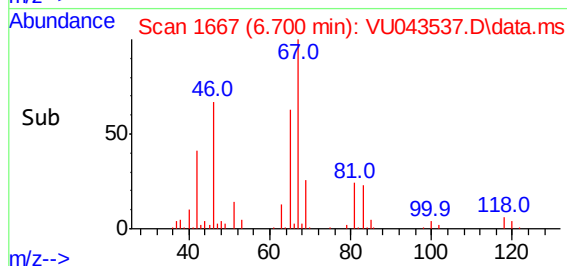
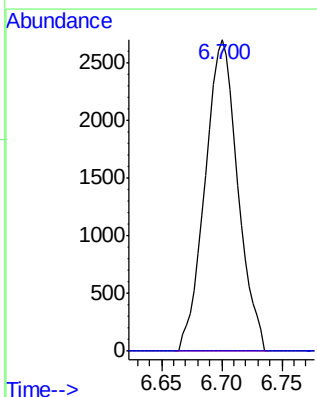
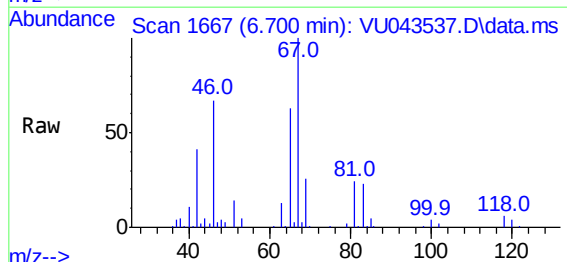
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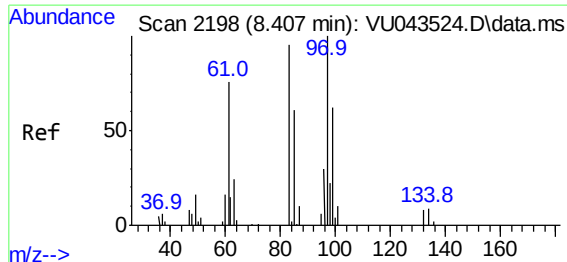
Tgt Ion: 83 Resp: 8863
Ion Ratio Lower Upper
83 100
55 0.0 75.8 113.8#
98 0.8 35.5 53.3#



#37
1,2-Dichloropropane
Concen: 0.75 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.100 min
Lab File: VU043537.D
Acq: 04 May 2021 22:13

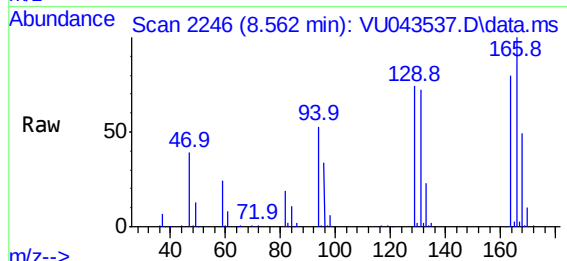
Tgt Ion: 63 Resp: 4961
Ion Ratio Lower Upper
63 100
112 0.0 2.6 3.8#



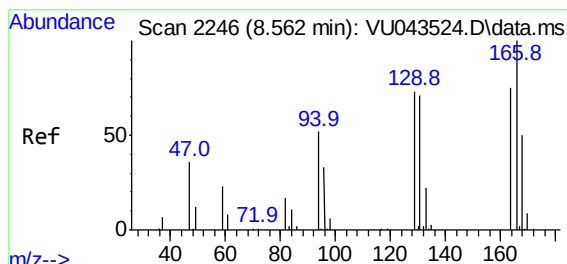
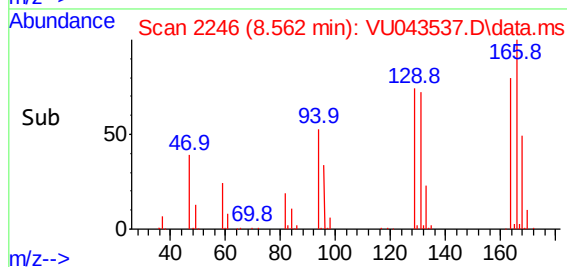
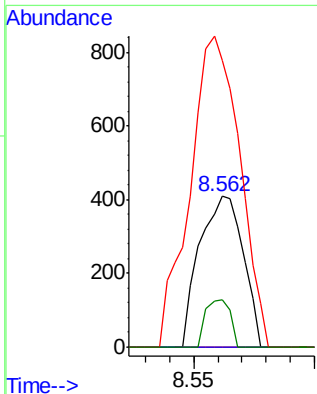


#45
1,1,2-Trichloroethane
Concen: 0.11 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. 0.154 min
Lab File: VU043537.D
Acq: 04 May 2021 22:13

Instrument :
MSVOA_U
ClientSampled :
GB3J1DL

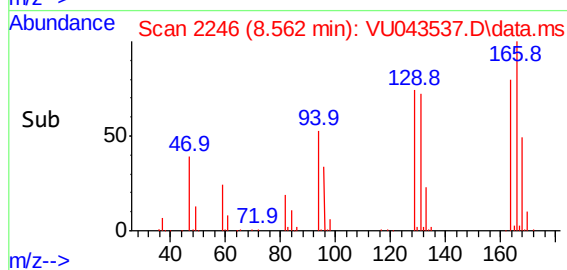
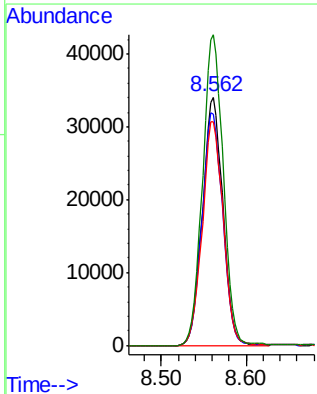
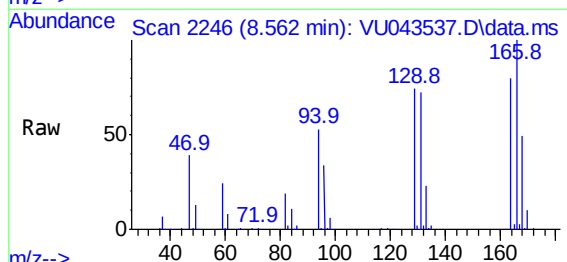


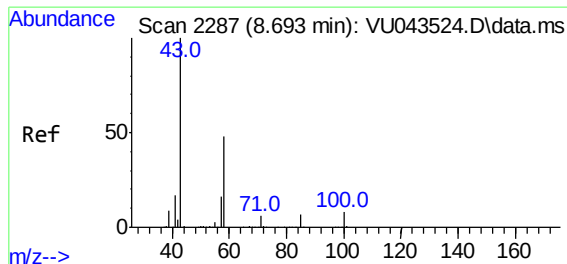
Tgt Ion: 97 Resp: 505
Ion Ratio Lower Upper
97 100
99 0.0 42.6 79.0#
83 190.9 64.1 119.1#
85 31.6 40.6 75.4#



#47
Tetrachloroethene
Concen: 13.71 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. -0.000 min
Lab File: VU043537.D
Acq: 04 May 2021 22:13

Tgt Ion: 164 Resp: 56902
Ion Ratio Lower Upper
164 100
129 93.2 62.5 116.1
131 90.2 64.9 120.5
166 125.2 89.0 165.2

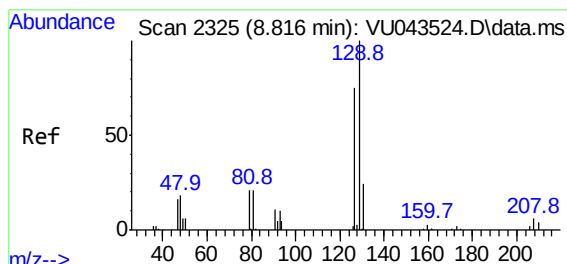
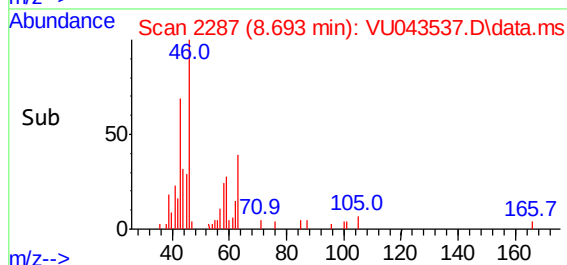
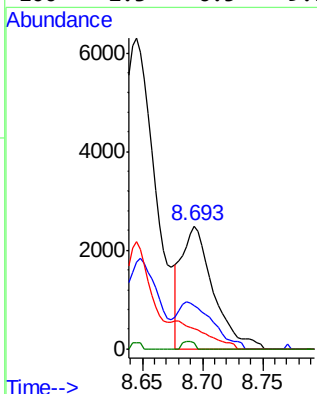
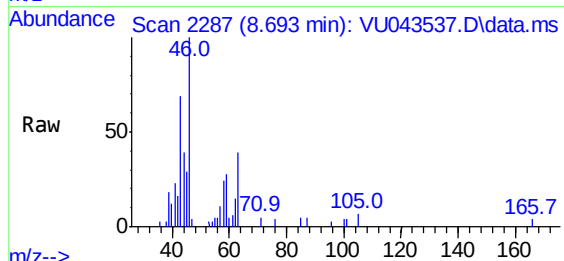




#48
2-Hexanone
Concen: 1.14 ug/L
RT: 8.693 min Scan# 2287
Delta R.T. -0.000 min
Lab File: VU043537.D
Acq: 04 May 2021 22:13

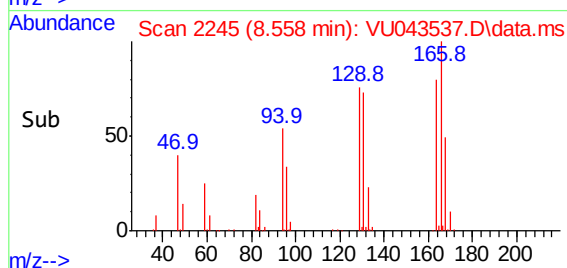
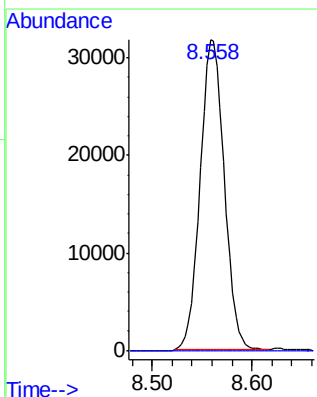
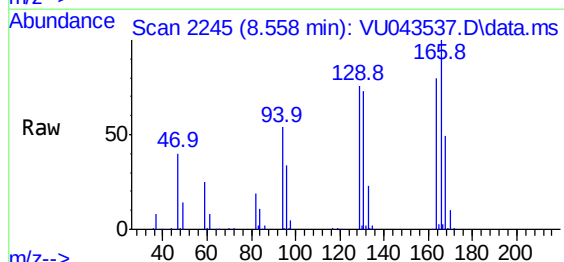
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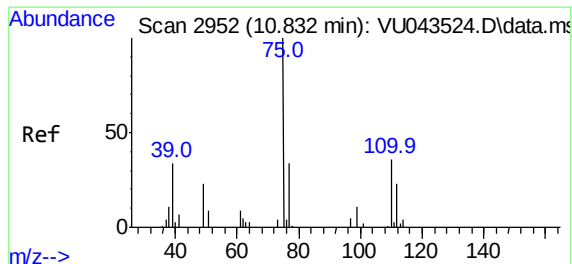
Tgt Ion:	43	Resp:	4554
Ion	Ratio	Lower	Upper
43	100		
58	42.7	36.8	55.2
57	0.0	13.2	19.8#
100	2.3	6.5	9.7#



#49
Dibromochloromethane
Concen: 9.65 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. -0.257 min
Lab File: VU043537.D
Acq: 04 May 2021 22:13

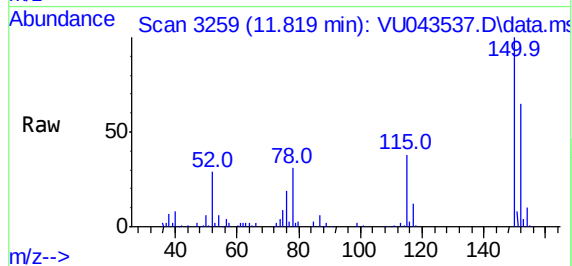
Tgt Ion:	129	Resp:	53100
Ion	Ratio	Lower	Upper
129	100		
127	0.0	52.4	97.4#





#61
 1,2,3-Trichloropropane
 Concen: 1.26 ug/L
 RT: 11.819 min Scan# 3259
 Delta R.T. 0.987 min
 Lab File: VU043537.D
 Acq: 04 May 2021 22:13

Instrument :
 MSVOA_U
 ClientSampleId :
 GB3J1DL



Tgt Ion: 75 Resp: 4665
 Ion Ratio Lower Upper
 75 100
 110 2.1 28.6 42.8#
 77 36.9 25.7 38.5

